

Location: Boom and Bucket

TRUCK AND EQUIPMENT CONSULTING LLC – TELESCOPIC TELEHANDLER (STANDARD)

Date 5/18/2023
(Y/M/D)

Inspector C.J.
Initials

(Basic Information)	
(Manufacturer)	Caterpillar
(Model Number)	TL1255
(Serial Number)	TBN01019
(Year of Manufacturing)	2012
(Hour Meter Reading)	2691.5 Hrs
(Engine) Tier IV	CAT C4.4 ACERT 142Hp I4 4.4 TurboD
(Transmission)	PowerShift 4 Fwrd + 3 Rev
(Lift Capacity)	12,000 lbs
(Hydraulic Relief)	3650 psi
(Operational Wt)	38,125 lbs

Specification and Dimensions	
Serial Plate/Frame Inscription	TBN01019
Cabin+Canopy (Circle)	Open Cabin / Cert ROPS + FOPS
Max Height Load/Max Reach Load	5000 lbs/ 4000 lbs (w/outriggers deployed)
Fluid Capacities	Hyd Tank=63 gal/Eng Oil=11.6 qts/Coolant=8.5 qts
Max Lift Height/Max Reach	54 Ft / 42 Ft
Tires	Firestone 400/75-28
Outriggers	Yes Hydraulic + Independent
Attachments bucket s/n CH01269317	Forks + Bucket Model 194-2563 1.34 yd3
Wheelbase	12 Ft
Top Speed	20 mph
Other	4 Wheel Steer, verhead work lights, safety beacon

- A (Near to Brand New or Excellent Condition)
- B (A little Wear and Good Condition)
- C (Fair Workable Condition for Hour Meter Reading)
- D (Workable but minor repair is required)
- E (Workable but major repair is required)

		(Check List)					(Remarks)
		A	B	C	D	E	
GENERAL APPEARANCE	(General Appearance-Front)		X	X			RePaint w/Masking tape+Overspray on fittings,locks+latches No damage
	(General Appearance-Rear)		X	X			RePaint w/Masking tape+Overspray on fittings,locks+latches No damage
	(General Appearance-Right)		X	X			RePaint w/Masking tape+Overspray on fittings,locks+latches No damage
	(General Appearance-Left)		X	X			RePaint w/Masking tape+Overspray on fittings,locks+latches No damage
	(General Appearance-Upper)		X	X			Good appearance of ROPS No Front Windshield but Roof plexiglass good
	(Major / Minor Surface Rust)		X				No rust seen RePaint with overspray
	(Body Panels / Covers - Rust Damage / Cancer)		X				No panel damage seen No rust or cancer seen
	(Visible Weld Repairs / Stress Cracks)		X				No Weld Repairs or patch repairs seen No cracks or splits seen
	(Chains)		X	X			Some repaint on chains No damage seen
	(Chassis / Undercarriage Damage)		X				Chassis and Frame Good Appearance No signs of accidents or damage
OPERATOR'S COCKPIT	(Outriggers)		X	X			Outiggers Missing Pads Hydraulics Good Appearance
	(Operator Cabin)			X			Good-Above Average Windshield Missing surface scratches + cosmetics
	(Operator Controls and Switches)		X				Complete Good Functionality
	(Hour Meter Activity)		X				Working
	(Other Gauge Activity)		X				Working
	(Door / Canopy Latches)		X				Good function
	(Safety - Horn / First Aid Kit)		X				Working
	(Operator Seat Condition)		X				Seat Good condition
ENGINE	(Safety - Seat Belts / Fire Extinguisher)		X				Yes
	(Oil Color / Fluid Appearance / Particulates or Granuales)		X				Good Appearance No signs of cross contamination No foul odors at temp
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)		X				Easy start, Smooth Idle No unusual noises
	(Engine Exhaust Color - White / Blue / Black / Clear)		X				Clear at startup and when Clear at temp
	(Oil Leaks)		X				None seen
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)		X				No smoke issue Clear
	(Coolant Color / Fluid Appearance)		X				Good appearance
	(Water Pump Noises / Damp Hoses / Coolant Leaks)		X				No leaks seen Radiator appears RePainted Good appearance No noises
	(Coolant Leaks from Radiator)		X				No leaks No dried seepages or stains
	(Overall Engine Appearance Clean / Wet / Dry)		X				Engine dirty but dry No leaks No dried seepages or stains
HYDRAULICS OVERALL	(Overall appearance of Hydraulic lines/fittings - worn/cracked)		X	X			Some repaint overspray on hydraulic hoses and fittings
	(Hydraulic Pump Sounds / Noises)		X				No noises or vibrations during operations
	(Wet or Damp hydraulic lines and fittings / fluid leaks)		X	X			1 area of wetness on ground in front Unsure of source
	(External Controls / Levers Condition)		X				Controls Good Function
	(Hydraulics Service Records / Maintenance History)						Not labeled or marked Not provided

ELECTRICAL	(Lighting System Condition)		X				Working
	(Reverse Alarm / Backup Signal)		X				Working
	(Battery Condition)		X				Good Appearance
	(Other Electric Device Condition)		X				Good driver display function
SWING TABLE BOOM	Swivel Bearing Condition		X				Smooth Rotation No Grinding No Bearing Noises
	Swivel Motor Condition		X				Good Performance
	Boom Section Appearance		X				Minimal surface scratches Good appearance
	Boom Side Surface		X				Minimal surface scratches Good appearance
TRANSMISSION	(Clutch Noise / Function)		X				No noises or vibrations
	(Transmission Noise / Function)		X				Good Forward and Reverse function
	(Shift Lever Condition & Function)		X				Good Shifter Response
	(Other Remarks)		X				Good Function
HYDRAULICS CYLINDERS	BOOM	(Oil Leak from Cylinder)		X			Clean pistons+rams No pitting No discoloration
		(Mounting Pin Condition)		X			Good appearance Recent Repaint overspray on pins No damage seen
	STICK	(Oil Leak from Cylinder)		X			Clean pistons+rams No pitting No discoloration
		(Mounting Pin Condition)		X			Good appearance Recent Repaint overspray on pins No damage seen
	AUX	(Oil Leak from Cylinder)		X			Clean pistons+rams No pitting No discoloration
		(Mounting Pin Condition)		X			Good appearance Recent Repaint overspray on pins No damage seen
	(Other Remarks)		X				Good 4 Wheel Steer function
(Transom / Boom / Arm Function / Noise)		X	X			Some squealing noises during extension	
TIRES & WHEEL ASSEMBLIES	(Level Stance / Soft Bushings)		X				Good stance and Adjustment function
	LEFT FRONT - Tire / Hub Condition		X	X			Tires= C/C+ some edge wear, chips, splits on corners Hubs=B Repainted
	RIGHT FRONT - Tire / Hub Condition		X	X			Tires= C/C+ some edge wear, chips, splits on corners Hubs=B Repainted
	LEFT REAR - Tire / Hub Condition		X	X			Tires= C/C+ some edge wear, chips, splits on corners Hubs=B Repainted
	RIGHT REAR - Tire / Hub Condition		X	X			Tires= C/C+ some edge wear, chips, splits on corners Hubs=B Repainted
	(FORKS + BUCKET)		X	X			Fork tips Good appearance Bucket Surface wear+tear deep scratches
B R A K E S	(Foot Brake)		X				Good brake function
	(Inching Brake)		X				Good
	(Parking Brake)		X				Good
FRAME APPEARANCE	Front		X				Good Front chassis and frame appearance No dents, no damage seen
	Rear		X				Good Rear chassis and frame appearance No dents, no damage seen
	Center		X				Good Center chassis and frame appearance No dents, no damage seen
	Other Comments		X				No damage seen
OPERATION	FORWARD & REVERSE		X				Good Forward and Reverse, Extension and Retraction
	SWING TABLE ROTATION		X				N/A
	BOOM LIFT / ANGLE / TILT		X				Good Right + Left Adjustment
	OVERALL FUNCTIONALITY		X				Good Outrigger Function
RATINGS	OVERALL VISUAL INSPECTION		X	X			Windshield Missing, RePaint on hoses, fittings, locks, latches, wheel hubs
	COMMENTS			X			Masking Tape still covering some latches+fittings Tires have edge damage
	OVERALL PERFORMANCE INSPECTION		X	X			Some squealing noises during extension, Good Lift and Lower function
	COMMENTS		X				Good forward+reverse travel, engine, Good 4 Wheel Steer+hydraulics

OVERALL EXTERIOR RATING: B-/C+ QUALITY: B-
 OVERALL INTERIOR RATING: B- SAFETY: B-/C+
 OVERALL PERFORMANCE: B- FUNCTIONALITY: B-
OVERALL EVALUATION GRADE: B- / C+
 FLUID ANALYSIS RECOMMENDED (Y/N) _n_ OIL _n_ COOLANT _n_

DIMENSIONS:
 Length: 249 inch (w/out forks)
 Width: 101 inch
 Height: 101 inch
 Weight: 35,860 lbs

*A:Remaining Ratio 90% or more
 *B:Remaining Ratio 70% or more
 *C:Remaining Ratio 50% or more
 *D:Remaining Ratio 20% or more
 *E:Remaining Ratio 20% or less